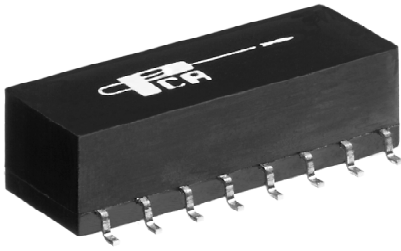


10/100 LAN Interface Module for SEEQ 80220

EPF8025G



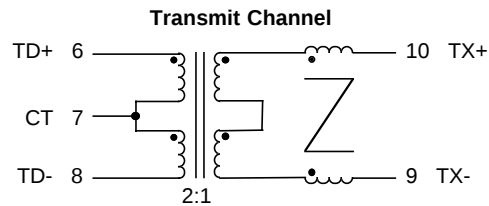
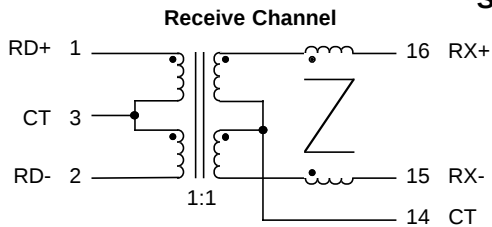
- Guaranteed to operate with 8 mA DC bias at 70°C on cable side •
- Complies with or exceeds IEEE 802.3, 10 BT/100 BX Standards •

Electrical Parameters @ 25° C

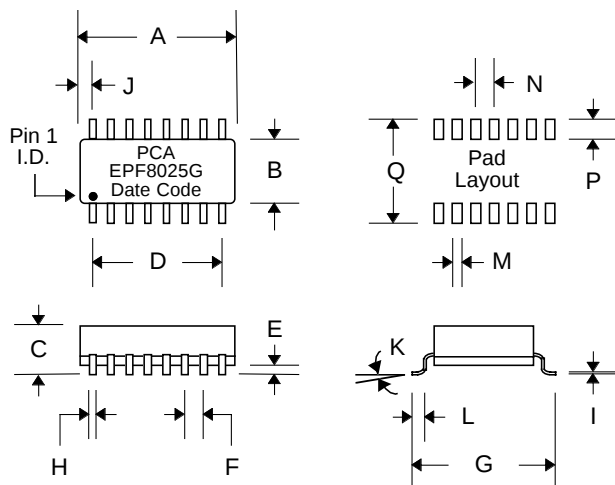
OCL @ 70°C	Insertion Loss (dB Max.)						Return Loss (dB Min.)						Common Mode Rejection (dB Min.)						Crosstalk (dB Min.) [Between Channels]	
	1-80 MHz		80-100 MHz		100-150 MHz		1-30 MHz		30-60 MHz		60-100 MHz		1-30 MHz		30-100 MHz		100-500 MHz		0.1-10 MHz	10-100 MHz
Cable Side	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv	Xmit	Rcv		
350μH	-1	-1	-1	-1	-3.5	-3	-20	-20	-10	-10	-10	-10	-40	-40	-30	-30	-10	-10	-40	-40

• Isolation : 1500 Vrms • Impedance : 400 Ω Xmit / 100 Ω Rcv • Rise Time : 3.0 nS Max. •

Schematic



Package



Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.780	.800	.790	19.81	20.32	20.07
B	.270	.285	.275	6.86	7.39	6.99
C	.223	.243	.233	5.66	6.17	5.92
D	---	---	.700	---	---	17.78
E	.010	.020	.015	.254	.508	.381
F	---	---	.100	---	---	2.54
G	.370	.390	.380	8.89	9.90	9.65
H	.016	.022	.020	.406	.559	.508
I	.008	.012	.010	.203	.305	.254
J	---	---	.045	---	---	1.14
K	0°	8°	---	0°	8°	---
L	.025	.045	.035	.635	1.14	.889
M	---	---	.030	---	---	.762
N	---	---	.100	---	---	2.54
P	---	---	.092	---	---	2.34
Q	---	---	.410	---	---	17.78